Amendments to the Claims

 This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A system for creating new content from a plurality of sources of source content, comprising:

 a first decoder for receiving and decoding at least one digital source content signal as a primary signal,

 at least one second decoder for receiving and decoding at least one other source content signal as a secondary signal,

 storage circuitry for storing at least decoded source content from said decoders;

 control functionality for controlling production of new content for output to a distribution system, as directed by a control program received from a host and locally stored on the system;

 graphics processing circuitry coupled to said storage circuitry for producing new content using said source content under control of said control functionality by:

  transforming components of said primary signal and said secondary signal into video content; and

  processing and organizing said video content to form said new content;

  ~~selecting a first video frame received from said first decoder;~~

  ~~transforming said first video frame; and~~

  ~~combining said transformed first video frame with source content received from said second decoder to create a newly rendered video frame as the new content;~~

 at least one first encoder for encoding at least some of said new content into digital format for output to a distribution system;

 at least one second encoder for encoding at least some of said new content for output to said distribution system; and

 a clock for controlling timing of at least one of the first and second decoders and at least one of the first and second encoders.

2.   (Cancelled)

3.   (Currently Amended) A system according to claim 1 in which the control program is a ~~locally stored~~ microprogram.

4.   (Previously Presented) A system according to claim 1 in which the control functionality controls production of new content that corresponds to a geographic area.

5.   (Previously Presented) A system according to claim 1 in which the control functionality controls production of new content that corresponds at least in part to a member selected from the following set relating to a plurality of individuals: characteristics, preferences and interests.

6.   (Previously Presented) A system according to claim 1 in which the control functionality controls production of new content that corresponds at least in part to one or more markets.

7.   (Original) A system according to claim 1 in which at least some of the source content is addressed.

8.   (Original) A system according to claim 1 in which at least some of the source content is non-addressed.

9.   (Previously Presented) A system according to claim 1 in which one of the at least one second decoder receives source content from said host.

10.   (Previously Presented) A system according to claim 1 in which one of the at least one second decoder receives source content from a local source.

11.   (Previously Presented) A system according to claim 1 in which at least one of said decoders accommodates analog video signals, and at least one of said encoders produces analog video signals.

12.   (Currently Amended) A process for creating new content from source content, comprising:

        receiving a first digital content signal from a host;

        receiving a second content signal from a non-host source;

        decoding said first digital and said second content signals;

        according to control signals which are controlled by a ~~control~~ microprogram previously ~~program~~ received from the host, processing and organizing said decoded first digital and said decoded second content signals to form said new content by:

                ~~selecting a first video frame from said decoded first digital content signal;~~

                ~~transforming said first video frame; and~~

                combining ~~said transformed first video frame with source content from said decoded second content signal to create a newly rendered video frame~~ a video frame from the decoded first digital content signal and a video frame from said second content signal as the new content; and

        encoding said new content for distribution on a distribution infrastructure; whereby

        a plurality of systems carrying out said process are adapted to display national programming and programming based on new content adapted for a subset of users of said national programming, at least partially under control of said host.

13.   (Previously Presented) A process according to claim 12 further comprising identifying and using only source content and a control program having predetermined addressing.

14.   (Cancelled)

15.   (Original) A process according to claim 12 in which said new content corresponds at least in part to a geographic area.

16.   (Original) A process according to claim 12 in which said new content corresponds at least in part to a member selected from the following set relating to a plurality of individuals: characteristics, preferences and interests.

17.   (Original) A process according to claim 12 in which said new content corresponds at least in part to one or more markets.

18.   (Original) A process according to claim 12 wherein said control of said host is real time control.

19.   (Original) A process according to claim 12 in which at least some of said encoding and said decoding happens in real time as governed by a common clock.

20.   (Currently Amended) A process for creating new content from source content, comprising:

   receiving a first digital content signal from a host;

   receiving a second content signal from a non-host source;

   decoding said first and said second content signals;

   according to control signals which are generated by a control program received from the host, processing and organizing said decoded first digital and said decoded second content signals to form said new content by:

   ~~selecting a first video frame from said decoded first digital content signal;~~

   ~~transforming said first video frame; and~~

   combining <u>a video frame from the decoded first digital content signal and a video frame from said second content signal</u> ~~said transformed first video frame with source~~

~~content from said decoded second content signal to create a newly rendered video frame~~ as the new content; and

encoding said new content for distribution on a cable television system;

whereby a plurality of systems located in a plurality of head ends in a cable television system carrying out said process display national programming and programming based on new content which corresponds to local weather conditions for users of said national programming in the geographical area of said cable television system.

21.   (Previously Presented) A process according to claim 20, wherein the control program is locally stored.

22.   (Previously Presented) A process according to claim 20, wherein the control program is received from the host asynchronously from the first digital content signal.

23.   (Previously Presented) A system according to claim 1, wherein the system is located in a head end of a cable television network and said distribution system delivers said new content to a plurality of end units associated with the head end.

24.   (Previously Presented) A system according to claim 1, wherein the at least one digital source content signal is received from the host and the control program is received from the host asynchronously from the at least one digital source content signal.

25.   (Currently amended) The process according to claim 12, wherein the ~~control signal~~ <ins>microprogram</ins> is received from the host asynchronously from the first digital content signal.